



HB-4¹
 Aluminum Rotor Body
 Titanium Buckets
 4-Place, 50 ml
 Tube Dimensions: 29 × 104 mm
 Swinging-Bucket
 Maximum Speed: 13,000 rpm
 K Factor: 1667

	RCF (g)	R (cm)
Max.	27,712	14.68
Min.	9,099	4.82

		RC-28S	RC-26 Plus	RC-24 ²	RC-5C Plus RC-5C ²	RC-5B Plus RC-5B ² RC-5 ²	RC-2B ² RC-2 ²	SS-3 ² SS-4 ²	RC-3B ² RC-3B Plus RC-3C ² RC-3C Plus
HB-4	Max Speed (rpm)	13,000	13,000	13,000	13,000	13,000	13,000	9,000	6,000
	Max RCF (g)	27,712	27,712	27,712	27,712	27,712	27,712	13,282	5,903

Accessories

O-ring **60810**
 Rotor Extractor **09033**
 Rotor Cleaning Kit **12259**
 Instruction Manual **09041**

TUBES, BOTTLES

CAPACITY (ml)		DESCRIPTION	MAX SPEED (rpm)	DIMENSIONS (mm)	TUBE CAT. NO. (Qty/Pkg)	SEALING ASSEMBLY*		ADAPTER REQ'D		NOTES
NOMINAL	FILL					CAT. NO. (Qty/Pkg)	DESCRIPTION	CAT. NO. (Qty/Pkg)	NO. OF PLACES	
50	46	Polypropylene Flanged Tube	13,000	29 × 102	03147 (25)	03268 (25)	Polypropylene, Snap-on	—	—	
50	48	Polycarbonate Flanged Tube	13,000	29 × 102	03146 (25)	03268 (25)	Polypropylene, Snap-on	—	—	
50	56	Polyallomer Thin-Walled Tube	13,000	28 × 104	03139 (25)	—	—	—	—	
50	41	Polypropylene Oak Ridge Bottle	13,000	28 × 103	03530 (25)	03535 (25)	Polypropylene, Sealing	—	—	
50	38	Polycarbonate Oak Ridge Bottle	13,000	28 × 103	03480 (25)	03535 (25)	Polypropylene, Sealing	—	—	Nonsealing Cap 03926 (25/pkg) available.
50	54	Stainless Steel Tube	11,400	28 × 101	00579 (1)	00518 (1)	Stainless Steel, Sealing	—	—	Requires Wrench 01014 for tube sealing.
35	—	Polyallomer Nalgene® Conical Oak Ridge Tube	—	29 × 105	—	—	—	See Notes	1	Requires Nalgene® adapter 3147-0050 .
35	—	Polycarbonate Nalgene® Conical Oak Ridge Tube	—	29 × 105	—	—	—	See Notes	1	Requires Nalgene® adapter 3147-0050 .
30	32	Corex® Tube	10,000	24 × 105	03163 (10)	—	—	00368 (1)	1	Tube no longer available
16	16	Polypropylene Flanged Tube	13,000	18 × 100	03244 (50)	03299 (50)	Polypropylene, Snap-on	00382 (1)	1	

⁽¹⁾Rotor no longer available. Tubes, bottles and adapters still available.

⁽²⁾Instrument no longer available.

*Sealing Assembly replacement parts may be available. See section E for availability.

(continued on next page)

TUBES, BOTTLES FOR HB-4 (continued)

CAPACITY (ml)		DESCRIPTION	MAX SPEED (rpm)	DIMENSIONS (mm)	TUBE CAT. NO. (Qty/Pkg)	SEALING ASSEMBLY*		ADAPTER REQ'D		NOTES
NOMINAL	FILL					CAT. NO. (Qty/Pkg)	DESCRIPTION	CAT. NO. (Qty/Pkg)	NO. OF PLACES	
16	17	Polycarbonate Flanged Tube	13,000	18 × 100	03243 (50)	03269 (50)	Polypropylene, Snap-on	00382 (1)	1	
15	17	Corex® Tube	10,000	18 × 102	03286 (25)	—	—	00363 (1)	1	
12	14	Pyrex® Tube	5,000	18 × 102	03109 (50)	—	—	00363 (1)	1	
12	12	Polypropylene Flanged Tube	13,000	16 × 100	03116 (50)	03266 (50)	Polypropylene, Snap-on	00402 (1)	1	
12	12	Polycarbonate Flanged Tube	13,000	16 × 100	03115 (50)	03266 (50)	Polypropylene, Snap-on	00402 (1)	1	
10	—	Pyrex® Graduated Tube, Conical	—	18 × 100	—	—	—	00367 (1)	1	
10	9.1	Polypropylene Oak Ridge Bottle	13,000	16 × 83	03929 (50)	03279 (25)	Polypropylene, Sealing	00425 (1)	1	Nonsealing Cap 03924 (25/pkg) available.
10	9.7	Polycarbonate Oak Ridge Bottle	13,000	16 × 83	03020 (25)	03279 (25)	Polypropylene, Sealing	00425 (1)	1	Nonsealing Cap 03924 (25/pkg) available.
10	11	Polyallomer Thin-Walled Flanged Tube	13,000	13 × 100	03124 (50)	—	—	00473 (1)	1	
10	—	Pyrex® Tube	—	13 × 100	—	—	—	00366 (1)	1	
7	7	Polycarbonate Flanged Tube	13,000	13 × 100	03120 (50)	03265 (50)	Polypropylene, Snap-on	00473 (1)	1	
7	7	Polypropylene Flanged Tube	13,000	13 × 100	03121 (50)	03265 (50)	Polypropylene, Snap-on	00473 (1)	1	
4	4	Polypropylene Flanged Tube	13,000	11 × 75	03105 (50)	03264 (50)	Polypropylene, Snap-on	00381 (1)	2	
4	4	Polycarbonate Flanged Tube	13,000	11 × 75	03104 (50)	03264 (50)	Polypropylene, Snap-on	00381 (1)	2	
3	3	Pyrex® Tube	5,000	10 × 75	03100 (50)	—	—	00364 (1)	2	
2	2	Cellulose Acetate Butyrate Tube	13,000	7 × 75	03235 (50)	—	—	00410 (1)	4	
1.5	—	Microtube	—	—	—	—	—	00381 (1)	2	
1	1	Cellulose Acetate Butyrate Tube	13,000	7 × 50	03103 (50)	—	—	00408 (1)	4	

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*Sealing Assembly replacement parts may be available. See section E for availability.

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